

Natural Gas Outlook and Consumer Programs/Assistance

Arkansas Public Service Commission

Chris Benson

cbenson@1800arkansas.com

www.1800arkansas.com/energy

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Arkansas Energy Office
Arkansas Department of Economic Development

Arkansas Energy Office

What are we supposed to do?

To create, advocate, and support energy efficiency and sustainable development opportunities that promote economic and environmental well-being for all citizens of Arkansas.

Arkansas Energy Office

What do we actually do?

- Disseminate energy information to the public and government
- Educate and promote energy efficiency
- Demonstrate new energy technologies
- Manage energy programs and projects
- Policy analysis

First, A Few Facts

- State imports 70% of its energy needs and exports \$ 3 billion annually
- Schools spend at least \$80 million annually for energy
- State government spends over \$62 million annually for energy
- 23% of primary energy consumption is natural gas
- Industrial, Residential, Commercial and Electric Utilities consume 53%, 17%, 13% & 14% of NG respectively

Information - Buildings



www.1800arkansas.com/energy/



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Information - Industries

- Best Practices Workshops
 - Motors, Steam, Drives, Pumps
- Industrial Energy Strategies Seminar
- Industrial Energy Technology Conference
 - May 10-13 2005, New Orleans
- Interactive Energy Management Tool
- Industrial Workforce Energy Education

October Energy Awareness Month

IN ARKANSAS...

WE'RE FINDING WAYS TO BE
RESOURCEFUL



geothermal



solar



hydropower



biomass



hydrogen



wind

OCTOBER IS
ENERGY AWARENESS
MONTH

SMART ENERGY CHOICES
support our economy,
protect our environment,
and
increase energy independence.

 **ARKANSAS**
Energy Office
1-800-558-2633

www.1-800-ARKANSAS.com/energy

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PSA Promotion



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Energy Hog Promotion



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Fuel Cell Demo



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Solar Demo



Arkansasrenewableenergy.org

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2004 Arkansas Energy Code

- 2003 IECC is 2% more efficient with net positive savings to homeowners
- ASHRAE 90.1 – 2001 with 3.9 % energy savings
- Simplified compliance tools

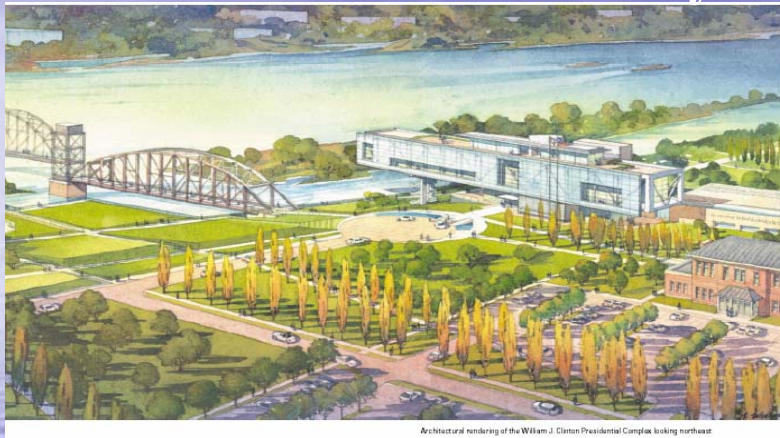
A black and white photograph of a modern interior space. On the left, a staircase with a dark railing and a light-colored wall is visible. To the right, a large window or glass partition allows natural light into the space. The overall aesthetic is clean and minimalist.

Energy Performance Evaluation of New Home Construction

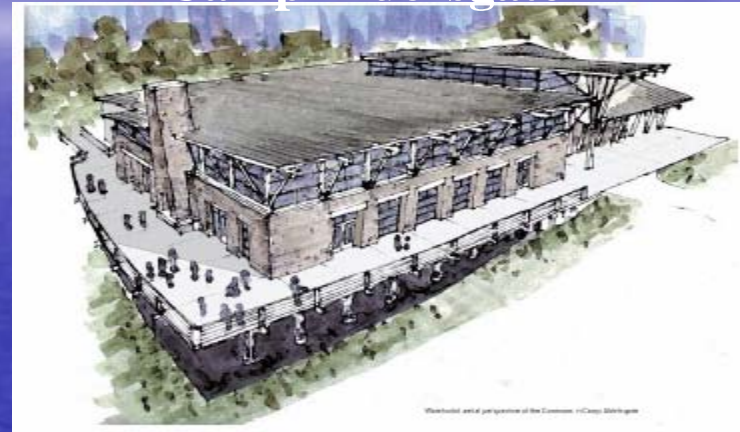
Arkansas SmarterArchitecture

New Construction - LEED™

Clinton Presidential Library



Camp Aldersgate



College of Public Health



Heifer International Center



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Public Buildings

State Buildings Energy Star Lighting Survey

- The lighting survey showed a savings of \$5.2 million per year at an investment of \$16.8 million dollars for a payback of 3.2 years
- Over the life of the installations – net present value was \$73.5 million
- 53% reduction in lighting energy

Rebuild Arkansas – Energy Smart Schools

Colleges and
Universities

Schools Energy
Management Pilot
Project



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What Next?

- Arkansas Energy Efficiency Partnership
- Policy considerations